PROJECT SUMMARY:

THE PROJECT SCOPE INCLUDES THE DESIGN, SPECIFICATION, PROCUREMENT, INSTALLATION AND COMMISSIONING OF A COMPLETE, TURN-KEY, GRID-TIED PHOTOVOLTAIC ELECTRIC SYSTEM.

MODULE TYPE	(I4) REC N-PEAK 325
INVERTER	(14) ENPHASE 1Q7-60-2-US
OPTIMIZER	()
ARRAY PITCH	POLE 35°, SHED 90°
ARRAY AZIMUTH	POLE 180°, SHED 162°
RACKING	I MT SOLAR TOP 12-60C TOP OF POLE MOUNT, IRON RIDGE XRIOO ALUMINUM RAIL
ATTACHMENT	ECOSFASTEN GREENFASTEN GFI AND ALUMINUM L-FEET WITH SS LAG SCREWS
DESIGN CRIT	ERIA:

OCCUPANCY	RESIDENTIAL
DESIGN WIND LOAD	100 MPH
RISK CATEGORY	I
GROUND SNOW LOAD	70 PSF
EXPOSURE CATEGORY	С
ROOF HEIGHT	20' ABOVE GRADE TO EAVES
ROOF COMPOSITION	ASPHALT SHINGLE
RAFTER	2"X8"
RAFTER SPACING	16" O.C.

EQUIPMENT LOCATIONS:

HOUSE INTERIOR:
MAIN LOAD CENTER

PV AC DISCONNECT

HOUSE EXTERIOR:
PV AC DISCONNECT (RSID)

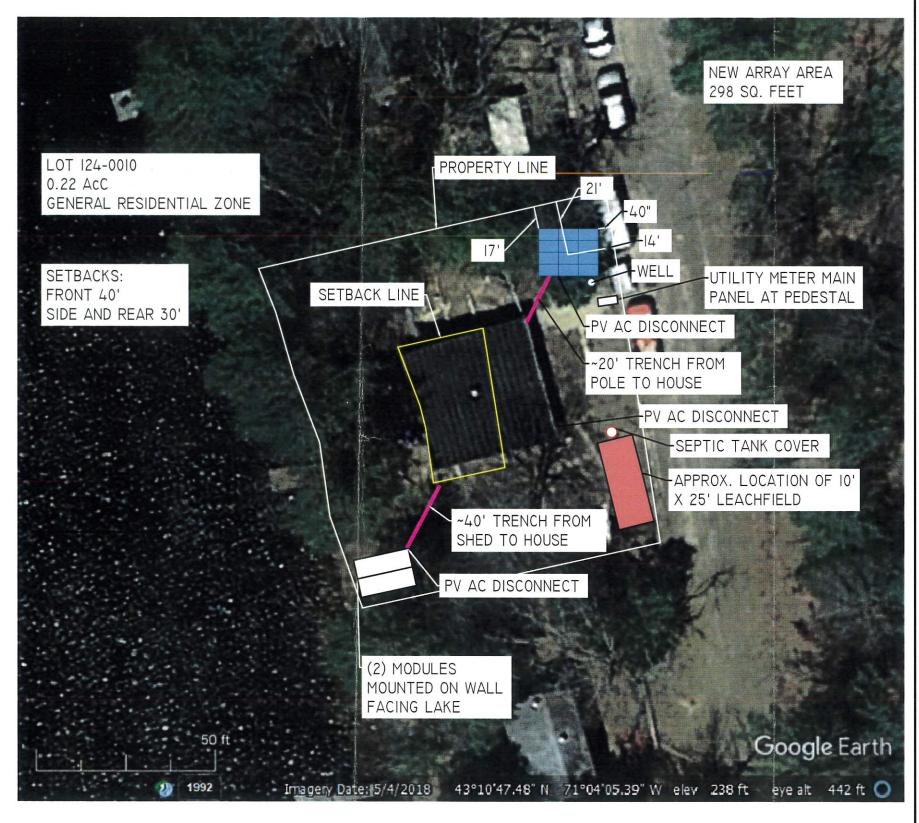
ARRAY POLE:

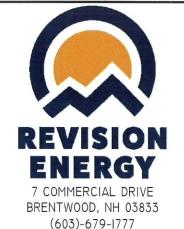
PV AC DISCONNECT 12 SOLAR MICROINVERTERS

SHFD.

PV AC DISCONNECT 2 SOLAR MICROINVERTERS PEDESTAL:

UTILITY METER MAIN PANEL





CLIENT:

BYARD MOSHER 507 MCDANIEL SHORE DRIVE BARRINGTON NH, 03825

SYSTEM TYPE:

4.55KW GRID TIED SOLAR PHOTOVOLTAIC SYSTEM

OFFICE BOILDE

AND US



DWG TITLE:	
DATE:	12/21/2022
PRINT SIZE:	II" X 17'
REVISION:	0
DESIGNED BY:	MCF

SITE PLAN

DWG NUMBER:

A001

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